



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

October 19, 2018

Keeva Shultz
Agent for Rotam Agrochemical Company, Ltd.
Wagner Regulatory Associates, Inc.
P.O. Box 640
7217 Lancaster Pike, Suite A
Hockessin, Delaware 19707

Subject: Registration Review Label Mitigation for Nicosulfuron
Product Name: Rotam Nicosulfuron 40SC
EPA Registration Number: 83100-11
Decision Number: 545036

Dear Ms. Shultz:

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all of the information submitted with your application to support the Registration Review of the above referenced product in connection with the 22 Sulfonylurea (SU) Herbicides Interim Decision, and has concluded that your submission is acceptable. The label referred to above, submitted in connection with registration under FIFRA, as amended, is acceptable.

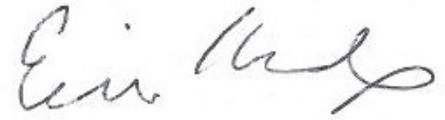
Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

A copy of your label stamped "Accepted" is enclosed. Products shipped after 12 months from the date of this amendment must bear the new revised label. Your release for shipment of the product bearing the amended label constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6.

If you have any questions about this letter, please contact Erik Kraft by phone at 703-308-9358, or via email at kraft.erik@epa.gov.

Page 2 of 2
EPA Reg. No. 83100-11
Decision No. 545036

Sincerely,

A handwritten signature in black ink, appearing to read "Erik Kraft". The signature is fluid and cursive, with the first name "Erik" being more prominent than the last name "Kraft".

Erik Kraft, Product Manager 24
Fungicide and Herbicide Branch
Registration Division (7505P)
Office of Pesticide Programs

Enclosure

[Front Container Label Optional if booklet is
used as front Container Label]

NICOSULFURON GROUP	2	HERBICIDE
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Rotam Nicosulfuron 40SC

Agricultural Herbicide

For use on Corn

Active Ingredient:	By weight
Nicosulfuron*: 2-[[[4,6-dimethoxypyrimidin-2-yl)aminocarbonyl]aminosulfonyl] - N,N-dimethyl-3-pyridinecarboxamide	4.18%
Other Ingredients:	<u>95.82%</u>
TOTAL:	100.00%

Contains 0.33 pound active ingredient per gallon of formulated product.

*CASRN: 111991-09-4

EPA Reg. No.: 83100-11

EPA EST. No.:

KEEP OUT OF THE REACH OF CHILDREN CAUTION/PRECAUCION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
If you do not understand this label, find someone to explain it to you in detail.

FIRST AID

IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

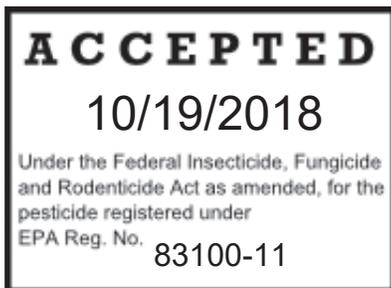
Note to Physician: No specific antidote. Treat symptomatically.

For Emergency Medical treatment call your local poison control center.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

See additional Precautionary Statements on Inside Booklet and Back Panel of Container and Directions for Use in Inside Booklet.

Manufactured For [By]:
Rotam Agrochemical Co., Ltd.
26/F E-Trade Plaza
24 Lee Chung Street
Chaiwan, Hong Kong



Net Contents:

[Booklet(Cover first 2 pages)]

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Rotam Nicosulfuron 40SC

Agricultural Herbicide

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PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION. Harmful if swallowed or inhaled. Avoid breathing spray mist. Avoid contact with skin or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

USER SAFETY RECOMMENDATIONS

Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment rinse water. Do not apply when/where conditions favor runoff.

Non-target Organism Advisory

This product is toxic to plants and may adversely impact the forage and habitat of non-target organisms, including pollinators, in areas adjacent to the treated area. Protect the forage and habitat of non-target organisms by minimizing spray drift. For further guidance and instructions on how to minimize spray drift, refer to the Spray Drift Management section of this label.

Windblown Soil Particles Advisory

Rotam Nicosulfuron 40SC has the potential to move off-site due to wind erosion. Soils that are subject to wind erosion usually have a high silt and/or fine to very fine sand fractions and low organic matter content. Other factors which can affect the movement of windblown soil include the intensity and direction of prevailing winds, vegetative cover, site slope, rainfall, and drainage patterns. Avoid applying Rotam Nicosulfuron 40SC if prevailing local conditions may be expected to result in off-site movement.

Groundwater Advisory

Nicosulfuron is known to leach through soil into groundwater under certain conditions as a result of label use. This chemical may leach into groundwater if used in areas where soils are permeable, particularly where the water table is shallow.

Surface Water Advisory

This product may impact surface water quality due to runoff of rain water. This is especially true for poorly draining soils and soils with shallow ground water. This product is classified as having high potential for reaching surface water via runoff for several months or more after application. A level, well-maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs will reduce the potential loading of nicosulfuron from runoff water and sediment. Runoff of this product will be greatly reduced by avoiding applications when rainfall or irrigation is expected to occur within 48 hours.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks

Follow manufacturer's instructions for cleaning/maintaining PPE. If no instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part

170. Refer to the label booklet under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 4 hours. PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls
- Shoes plus socks

ROTAM NICOSULFURON 40SC must be used only in accordance with directions on this label. To the extent consistent with applicable law Rotam Agrochemical Company Ltd will not be responsible for losses or damage resulting from use of this product in any matter not specifically directed by Rotam Agrochemical Company Ltd.

PRODUCT USE INFORMATION

ROTAM NICOSULFURON 40SC is a suspension concentrate used at the rate of 6 – 24 fl. oz. per acre (0.015 – 0.062 lbs. a.i. nicosulfuron/acre) for selective post-emergence grass weed control in field corn grown for seed or grain, popcorn and sweet corn.

Do not make more than two applications of ROTAM NICOSULFURON 40SC per year. The combined dosage of sequential applications cannot exceed 24 fl. oz. per acre (0.062 lbs. a.i. nicosulfuron/acre) of ROTAM NICOSULFURON 40SC per year.

When to Apply

ROTAM NICOSULFURON 40SC may be used on field corn, high lysine, waxy, white or other food grade corn hybrids. ROTAM NICOSULFURON 40SC may be broadcast to corn up to 20" tall (free standing), or that is exhibiting up to and including 6 leaf collars (V6), whichever is more restrictive.

While ROTAM NICOSULFURON 40SC has a wide application window, research has shown best results are obtained when applications are made early post-emergence when corn and weeds are small. Target applications to corn that is less than 12" tall for best overall performance.

Application Timing

Apply ROTAM NICOSULFURON 40SC when grasses are young and actively growing, but before they exceed the sizes indicated in Table 1. Treat heavy infestations of weeds before they become too competitive with the crop, especially where soil moisture and/or fertility are limited. ROTAM

NICOSULFURON 40SC Herbicide provides weed control via foliar absorption. ROTAM NICOSULFURON 40SC only controls those weeds that have emerged. For later-emerging weeds, a second application or a timely cultivation is required. Applications made to weeds larger than the size indicated on this label or to weeds under stress may result in unsatisfactory control. (see Late or Rescue Applications below.)

Late or Rescue Applications

ROTAM NICOSULFURON 40SC may be applied to field corn as a rescue treatment for the control of escaped grasses, or as a directed post-emergence application on corn that is taller than 20" or which has more than 6 collars whichever comes first.

For corn 20"-36" tall, apply ROTAM NICOSULFURON 40SC with drop nozzles only, and avoid spraying into the whorl of corn stalks. Do not apply to corn that is taller than 36" or that exhibits 10 or more collars (V10), whichever is more restrictive.

Applications made to weeds larger than those listed on this label may vary from complete control to suppression. Level of control will depend on the weed species, stage of growth, and environmental conditions.

Due to the unplanned nature of rescue applications, choices must be made between the risks that arise from applications made beyond the proper time for ROTAM NICOSULFURON 40SC use, and the effects of season long grass competition and/or harvest complications. These choices must balance risks from improperly timed ROTAM NICOSULFURON 40SC use that include, but are not limited to:

- Yield loss due to competition: Research indicates competition from foxtail exceeding 4 inches in height may reduce corn yields. Applications to foxtail and other annual grasses that exceed the sizes stated on the label increases the risk of yield losses due to prolonged competition with the crop even though control may be acceptable.
- Incomplete control of grasses beyond labeled size: Applications to grasses that exceed the labeled sizes can result in reduced control. This incomplete control may reduce corn yield.
- Incomplete grass control due to herbicide stress: Grasses under stress from previous herbicide applications may not be actively growing and susceptible to ROTAM NICOSULFURON 40SC. This stress may reduce grass control in "rescue" situations.
- Ear malformation: Application of ROTAM NICOSULFURON 40SC on corn that has 7 to 10 collars (V7 to V10) increases the potential for ear malformation (pinching). This risk may be greatly reduced, but not eliminated, by using drop nozzles properly adjusted so as to not apply ROTAM NICOSULFURON 40SC into the corn whorl.

RESTRICTIONS

Injury to or loss of desirable vegetation may result from failure to observe the following:

- Do not contaminate any body of water.
- Do not make more than two applications of this product per year when using reduced application rates.
- Do not exceed more than 24 fl. oz. per acre (0.062 lbs. a.i. nicosulfuron/acre) of this product per year.
- Do not use more than 24 fl. oz. per acre (0.062 lbs. a.i. nicosulfuron/acre) of this product in a single application.
- Do not graze, feed forage, grain or fodder (stover) from corn treated areas to livestock within 45 days of application.
- Do not harvest corn grain within 70 days or harvest corn forage or stover within 45 days of application.
- Do not graze or feed forage, hay, or straw from treated areas to livestock within 45 days of ROTAM NICOSULFURON 40SC application.
- If a second application is needed, make the second application in a minimum of 14 days after the first application.

PRECAUTIONS

Injury to or loss of desirable vegetation may result from failure to observe the following:

- Prevent drift of spray to desirable plants.
- Thoroughly clean application equipment immediately after use. (See the Sprayer Cleanup section of this label for instructions).

Rate

Optimum control of the weeds listed can be achieved with 12 fl. oz. (0.031 lbs. a.i. nicosulfuron/acre) of ROTAM NICOSULFURON 40SC. Weeds that exceed the listed weed sizes by up to 50% may be partially controlled with rates between 12 oz. per acre (0.031 lbs. a.i. nicosulfuron/acre) and 24 fl. oz. (0.062 lbs. a.i. nicosulfuron/acre) of ROTAM NICOSULFURON 40SC per acre.

ROTAM NICOSULFURON 40SC may be applied at 6 fl. oz. (0.015 lbs. a.i. nicosulfuron/acre) – 12 fl. oz. (0.031 lbs. a.i. nicosulfuron/acre) for limited control of certain small grass weeds. (See Table 2, under Additional Directions for details.)

As weeds mature, their sensitivity to ROTAM NICOSULFURON 40SC decreases.

As grassy weeds become mature (more than 3 tillers), they may not reach the size listed below, due to drought or other environmental factors. Grassy weeds that are maturing rapidly need to be treated before they reach the stages listed below.

When applied as directed, ROTAM NICOSULFURON 40SC will control the following weeds:

Table 1. Weeds Controlled with 12 fl. oz. (0.031 lbs. a.i. nicosulfuron/acre) ROTAM NICOSULFURON 40SC

Grasses	Maximum Height or Diameter (inches)
Barnyardgrass	4
Broadleaf signalgrass	2
Foxtails (bristly, giant, green, yellow)	4
Itchgrass	6
Johnsongrass	
Seedling	12
Rhizome	18
Panicum (Texas, browntop)	3
Fall	4
Quackgrass*	10
Ryegrass (Italian, perennial)	6
Sandbur (field, longspine)*	3
Shattercane	12
Sorghum almum	12
Timothy	6
Volunteer cereals (barley, oats, rye, triticale, wheat)	6**
Wild oats	4
Wild proso millet	4
Wirestem muhly*	8
Witchgrass	6
Woolly Cupgrass*	4

*Requires the use of COC plus ammonium nitrogen fertilizer, cultivation, or re-treatment may be required. (See For Additional Control of Later Emerging Grasses.)

**10 inches in the states of WA, OR, ID, and MT, where the use of MSO adjuvants are preferred. (See Spray Adjuvants.)

Broadleaves	Maximum Height or Diameter (inches)
Burcucumber	3
Dandelion	6
Hemp dogbane*	4
Jimsonweed	3
Morningglory (ivyleaf, pitted)	3
tall	2
Pigweed (redroot, smooth)	4
Smartweeds (ladysthumb, PA)	4
Thistle, Canada*	4

*Suppression

Popcorn, Field Corn Grown for Seed and Sweet Corn

ROTAM NICOSULFURON 40SC may be broadcast or applied with drop nozzles to popcorn or field corn grown for seed that is less than 20" tall (free-standing) or that exhibits up to and including 5 leaf-collars (V5), whichever is more restrictive. Do not apply to corn that is taller than 20" or that exhibits more than 5 leaf-collars (V5), whichever is more restrictive. Many seed companies have tested seed corn inbreds or yellow corn hybrids for sensitivity to ROTAM NICOSULFURON 40SC and have reported excellent safety. Do not apply ROTAM NICOSULFURON 40SC to any white popcorn inbred, or white popcorn hybrid unless specifically approved by the seed company. This includes "White Dynamite" popcorn.

ROTAM NICOSULFURON 40SC may be applied to certain sweet corn hybrids grown for fresh markets or under contract for processing. Applications of ROTAM NICOSULFURON 40SC may be applied broadcast or with drop nozzles (post-directed) on sweet corn up to 12 inches tall or up to and including 5 leaf-collars (V5). For sweet corn 12 – 18 inches tall, apply only with drop nozzles. Do not apply to sweet corn taller than 18 inches or those which exhibit 6 or more leaf-collars (V6), and make only one application of ROTAM NICOSULFURON 40SC per year. Sweet corn hybrid sensitivity to ROTAM NICOSULFURON 40SC is highly variable, and not all hybrids have been tested for crop sensitivity. Contact your Rotam Sales Representative for information on local sweet corn hybrids that have been evaluated with ROTAM NICOSULFURON 40SC.

Not all seed corn inbreds, popcorn, or sweet corn hybrids have been tested, nor does Rotam Agrochemical Company Ltd. have access to all seed company data. Consequently, to the extent consistent with applicable law Rotam Agrochemical Company Ltd. is not responsible for any crop injury arising from the use of ROTAM NICOSULFURON 40SC on field corn grown for seed, popcorn or sweet corn. When tank mixing, check the tank mix partner label for sensitivities and instructions for use.

(See Soil Insecticide Interaction Information regarding the use of ROTAM NICOSULFURON 40SC on popcorn, sweet corn or field corn grown for seed that has been previously treated with soil insecticide.)

SPRAY ADJUVANTS

Applications of ROTAM NICOSULFURON 40SC must include either a crop oil concentrate or a nonionic surfactant. In addition, an ammonium nitrogen fertilizer must be used unless specifically prohibited by tank mix partner labeling. Crop oil concentrate plus ammonium nitrogen fertilizer is the preferred adjuvant system for activity on difficult to control species including woolly cupgrass, quackgrass, sandbur and wirestem muhly. Consult your local Rotam Sales Representative prior to using other adjuvant systems. If another herbicide is tank mixed with ROTAM NICOSULFURON 40SC, select adjuvants authorized for use with both products. Products must contain only EPA exempt ingredients.

Crop Oil Concentrate (COC) – Petroleum or Modified Seed Oil (MSO)

- Apply at 1% v/v (1 gallon per 100 gallons spray solution) or 2% under arid conditions.
- MSO adjuvants may be used at 0.5% v/v (0.5 gallons per 100 gallons spray solution) if specifically noted on adjuvant product labeling.
- Oil adjuvants must contain at least 80% high quality, petroleum (mineral) or modified vegetable seed oil with at least 15% surfactant emulsifiers.

Nonionic Surfactant (NIS)

- Apply at 0.25% v/v (1 quart per 100 gallons spray solution) or 0.5% under arid conditions.
- Surfactant products must contain at least 60% nonionic surfactant with a hydrophilic/lipophilic balance (HLB) greater than 12.

Ammonium Nitrogen Fertilizer

- Use 2 quarts/acre of high – quality urea ammonium nitrate (UAN), including 28%N or 32%N, or 2 pounds/acre of a spray-grade ammonium sulfate (AMS). Use 4 quarts/acre UAN or 4 pounds/acre AMS under arid conditions.
- Do not use liquid nitrogen fertilizer as the total carrier solution.

Special Adjuvant Types

- Combination adjuvant products may be used at doses that provide the required amount of NIS, COC, MSO and/or ammonium nitrogen fertilizer. Consult product literature for use rates and restrictions.
- In addition to the adjuvants specified above, other adjuvant types may be used if they provide the same functionality. Note: not all adjuvant types have been tested with this product, Consult your local

Extension Agent or your Rotam Representative if you have questions concerning use of a specific adjuvant product.

MIXING INSTRUCTIONS

1. Fill the tank $\frac{1}{4}$ to $\frac{1}{3}$ full of water.
2. While agitating, add the required amount of ROTAM NICOSULFURON 40SC.
3. Continue agitation until the ROTAM NICOSULFURON 40SC is fully dispersed, at least 5 minutes.
4. Once the ROTAM NICOSULFURON 40SC is fully dispersed, maintain agitation and continue filling tank with water. Thoroughly mix ROTAM NICOSULFURON 40SC with water before adding any other material.
5. As the tank is filling, add the required spray adjuvants (crop oil concentrate, nonionic surfactant, or ammonium nitrogen fertilizer).
6. If the mixture is not continuously agitated, settling will occur. If settling occurs, thoroughly re-agitate before using.
7. Apply ROTAM NICOSULFURON 40SC spray mixture within 24 hours of mixing to avoid product degradation.
8. If ROTAM NICOSULFURON 40SC and a tank mix partner are to be applied in multiple load, pre-slurry the ROTAM NICOSULFURON 40SC in clean water prior to adding to the tank. This will prevent the tank mix partner from interfering with the dissolution of the ROTAM NICOSULFURON 40SC.

WHEN TO APPLY – SEQUENTIAL APPLICATIONS FOLLOWING REDUCED RATES OF PRE-EMERGENCE HERBICIDES

ROTAM NICOSULFURON 40SC may be used as a sequential application in a planned post-emergence weed control program in corn following a reduced rate of a pre-emergence herbicide.

Apply a reduced rate of a pre-emergence grass herbicide prior to corn emergence and then follow with a post-emergence application of ROTAM NICOSULFURON 40SC. Apply products including S-metolachlor/metolachlor, atrazine, isoxaflutole, metribuzin, flufenacet, acetochlor, and dimethenamide-P at labeled use rate and follow with a sequential post-emergence application of ROTAM NICOSULFURON 40SC. Refer to the pre-emergence grass herbicide label for use restrictions, application information, rotational crop guidelines, and follow any caution statements prior to applying ROTAM NICOSULFURON 40SC.

Do not apply ROTAM NICOSULFURON 40SC to corn that exhibits herbicide injury from previous applications made to the current or preceding crop.

TANK MIX APPLICATIONS

For Additional Control of Broadleaf Weeds

It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.

ROTAM NICOSULFURON 40SC may be tank mixed with full or reduced rates of many herbicides registered for post-emergence application in corn for additional control of broadleaf weeds.

ADDITIONAL DIRECTIONS FOR SPECIFIC WEED PROBLEMS

Reduced Rate of ROTAM NICOSULFURON 40SC may be applied at 6 fl. oz./acre (0.015 lbs. a.i. nicosulfuron/acre) – 12 fl. oz./acre (0.031 lbs. a.i. nicosulfuron/acre) for control of the small grass weeds noted in the table below. Always use a crop oil concentrate plus ammonium nitrogen fertilizer when applying reduced rates of ROTAM NICOSULFURON 40SC.

Table 2. Weeds Controlled with Reduced Rates of ROTAM NICOSULFURON 40SC.

Grasses	Maximum Height or Diameter (inches) Rate ROTAM NICOSULFURON 40SC		
	6 fl. oz. (0.015 lbs. a.i. nicosulfuron/acre)	9 fl. oz. (0.023 lbs. a.i. nicosulfuron/acre)	12 fl. oz. (0.031 lbs. a.i. nicosulfuron/acre)

Barnyardgrass	2	3	4
Foxtails (bristly, giant green) yellow	2 --	3 2	4 4
Itchgrass	2	4	6
Johnsongrass seedling Rhizome	-- --	8 8	12 18
Panicum (Texas, browntop) fall	1 1	2 2	3 4
Sandbur (field, longspine)	--	1	3
Shattercane	3	6	12
Sorghum almum	3	6	12
Timothy	2	4	6
Volunteer Cereals	--	2	6
Wild oats	2	3	4
Wild proso millet	--	2	4
Witchgrass	2	4	6
Wooly cupgrass	--	--	4

Other Tank Mixtures

Other than the exceptions noted, and in addition to the tank mix partners and rates indicated above, ROTAM NICOSULFURON 40SC may be tank mixed or followed with sequential applications of other products registered for use in field corn. Applications of full or reduced rates of other products registered for use on corn can be made provided:

- The tank mix product is labeled for the same timing, method of application, and use restrictions as ROTAM NICOSULFURON 40SC.
- The tank mixture is not specifically prohibited on the label of the tank mix product.
- The tank mix combination is compatible as determined by a "jar test" described in the TANK MIX COMPATIBILITY TESTING section below.

Weed control and crop response with tank mixtures not specified in this label are the responsibility of the user and manufacturer of the tank mix product.

TANK MIXING RESTRICTIONS:

A corn plant's predisposition to develop fused tissue emerging from the whorl (rattail) after the V-11 stage may increase when a product containing dicamba is applied to small corn under early stressful conditions. Be aware of this when applying tank mixes with dicamba to small corn (V-3 stage or smaller) under stressful conditions. (See ENVIRONMENTAL CONDITIONS for a description of these stressful conditions.)

To avoid crop injury or antagonism, apply the products indicated below at least seven days before or three days after the application of ROTAM NICOSULFURON 40SC.

- Do not tank mix ROTAM NICOSULFURON 40SC with sodium bentazon or severe crop injury may occur.
- Do not tank mix ROTAM NICOSULFURON 40SC with 2,4-D containing products as severe grass control antagonism may occur.
- Do not tank mix ROTAM NICOSULFURON 40SC with foliar-applied organophosphate insecticides including chlorpyrifos, malathion, parathion, etc., as severe crop injury may occur.

Do not exceed labeled application rates. Do not tank mix ROTAM NICOSULFURON 40SC with other products that contain the same active ingredients as ROTAM NICOSULFURON 40SC (nicosulfuron) unless the label of either tank mix partner specifies the maximum rate that may be used.

TANK MIX COMPATIBILITY TESTING

Perform a jar test prior to tank mixing to ensure compatibility of ROTAM NICOSULFURON 40SC and other pesticides. Use a clear glass quart jar with lid and mix the tank mix ingredients in their relative proportions. Invert the jar containing the mixture several times and observe the mixture for approximately ½ hour. If the mixture balls-up, forms flakes, sludges, gels, oily films or layers, or other precipitates, it is not compatible and the tank mix combination must not be used.

SEQUENTIAL ROTAM NICOSULFURON 40SC APPLICATIONS

Annual grasses may have more than one flush of emerging seedlings. Also, regrowth of treated annual grasses may occur due to environmental conditions following application. Perennial grasses may regrow from underground stems or roots, depending upon environmental conditions. To control grasses under these conditions, a sequential application of ROTAM NICOSULFURON 40SC may be necessary. The combined dosage of the sequential applications must not exceed 24 fl. oz. per acre (0.062 lbs. a.i. nicosulfuron/acre) of ROTAM NICOSULFURON 40SC.

CULTIVATION

A timely cultivation may be necessary to control suppressed weeds, or weeds that emerge after an application of ROTAM NICOSULFURON 40SC. Optimum timing for cultivation is 7-14 days after ROTAM NICOSULFURON 40SC application or upon seeing the establishment of new weeds.

ENVIRONMENTAL CONDITIONS AND BIOLOGICAL ACTIVITY

ROTAM NICOSULFURON 40SC provides best results when applied to young, actively growing weeds. Applications made during warm, moist conditions (70°F or more) and adequate soil moisture both before and after application maximizes performance. The degree and duration of control depend on spray coverage, weed spectrum, weed size, growing conditions before and after treatment, soil moisture, and adjuvant selection.

ROTAM NICOSULFURON 40SC is rainfast in 4 hours.

Treating weeds that exceed maximum label height or that are under stress may result in incomplete control. Poor weed control or crop injury may result from applications made to plants under stress from:

- Abnormally hot or cold weather
- Environmental conditions including drought, water-saturated soils, hail damage, or frost
- Disease, insect, or nematode injury
- Prior herbicide, or carryover from a previous year's herbicide application

Severe stress from conditions preceding or immediately following application may also result in crop injury or poor weed control. Stress affects all weeds, but especially weeds including woolly cupgrass, green and yellow foxtail, and wild proso millet.

If the corn or grass weeds are under stress, delay application until stress passes and both weeds and corn resume active growth.

ROTAM NICOSULFURON 40SC rapidly inhibits the growth of susceptible weeds, reducing weed competition within as little as 6 hours after application. Susceptible plants are controlled in 7-21 days.

SOIL INSECTICIDE INTERACTION INFORMATION

Before using ROTAM NICOSULFURON 40SC, ensure that it is compatible with any insecticides previously applied to the corn crop.

ROTAM NICOSULFURON 40SC may interact with certain insecticides previously applied to the crop. Crop response varies with field corn type, insecticide used, insecticide application method, and soil type. ROTAM NICOSULFURON 40SC may be applied to corn previously treated with chlorethoxyfos, cyfluthrin, phostebupirim, or tefluthrin insecticides or nonorganophosphate (OP) soil insecticides regardless of soil type.

- DO NOT APPLY ROTAM NICOSULFURON 40SC to corn previously treated with terbufos or to corn treated with terbufos in-furrow or over the row at cultivation.

- Applications of ROTAM NICOSULFURON 40SC to corn previously treated with terbufos, chlorpyrifos, or phorate may cause unacceptable crop injury, especially on soils of less than 4% organic matter.

CROP ROTATION

Rotational crops vary in their response to low concentrations of ROTAM NICOSULFURON 40SC remaining in the soil. ROTAM NICOSULFURON 40SC dissipates rapidly in warm, acidic, microbiologically active soils.

The amount of ROTAM NICOSULFURON 40SC which may be present in the soil depends on application rate, soil pH and organic matter content, elapsed time since application, crop production practices, and environmental factors.

Injury to rotational crops may occur in high-pH, cold soils if dry weather prevails between application and rotational crop planting.

Soil pH need to be determined by laboratory analysis using the 1-1 soil:water suspension method on representative soil samples taken at 0-4" depth. Soil pH varies within fields; therefore, re-cropping needs to be based on the highest soil pH within each field. Consult local extension publications for specified soil sampling procedures.

The following rotational intervals must be observed when using ROTAM NICOSULFURON 40SC at a maximum of 24 fl. oz. (0.062 lbs. a.i. nicosulfuron/acre):

ROTAM NICOSULFURON 40SC ROTATIONAL CROP GUIDELINE 1 – No soil pH Restrictions

Crop	Rotational Interval in Months
Corn (field, seed)	Anytime
Corn (pop, sweet)*	10
Soybeans	0.5 (15 days)
Cereals, spring (barley, oats, rye, wheat)	8
Cereals, winter (barley, oats, rye, wheat)	4
Cotton	10
Dry Beans, Peas, Snap Beans	10
Alfalfa**	12
Red Clover**	12
Other crops	See Rotational Crop Guidelines 2 and 3

*Except the sweet corn varieties "Merit", "Carnival", and "Sweet Success", for which the minimum time interval is 15 months.

**Except for the state of Kansas east of Highway 75, for Minnesota east and south of the Red River Valley, and for the states east of the line formed by the western borders of Iowa, Missouri, Arkansas, and Louisiana, where the minimum time interval is 10 months.

ROTAM NICOSULFURON 40SC ROTATIONAL CROP GUIDELINE 2 – Soil ≤ 7.5 pH Restrictions

Crop	Rotational Interval in Months	
	pH 7.5	pH >7.5
Sorghum	10	18*
Sunflowers	11**	18
All other crops not listed in Rotational Guidelines 1 or 2	See Rotational Guideline 3	

*Except in Texas and Oklahoma east of Highway 281, where the rotational interval is 10 months, regardless of pH.

**Precipitation following application must exceed 14" prior to planting sunflowers.

ROTAM NICOSULFURON 40SC ROTATIONAL CROP GUIDELINE 3 – With Soil ≤ 6.5 pH Restrictions

Crop	Rotational Interval in Months	
	pH 6.5	pH >6.5
Sugar beets*, potatoes**	10	18***
All other crops not listed in Rotational Guidelines 1 or 2	10	18

*Except in irrigated sites in Colorado, Wyoming, Nebraska, Texas, Michigan, and Ohio, where precipitation following application must exceed 25" prior to planting beets, where the interval is 10 months on soils with pH < 7.5. Sites in Minnesota east and south of the Red River Valley may follow these guidelines provided maximum rates of ROTAM NICOSULFURON 40SC do not exceed 12 fl. oz. (0.031 lbs. a.i. nicosulfuron/acre).

**Irrigated potatoes following irrigated corn treated in the States of Washington, Oregon, Idaho, or Utah can be planted 10 months after using ROTAM NICOSULFURON 40SC on sprinkler irrigated corn with no soil pH restrictions, providing the maximum use rate on corn does not exceed 18 fl. oz. product per year (0.047 lbs. a.i. nicosulfuron/acre). Corn treated with ROTAM NICOSULFURON 40SC must be grown to maturity and receive a minimum of 18 inches of irrigation water before potatoes can be planted at this rotation interval. Injury to potatoes may occur if less than 18 inches of irrigation is used on the previous corn crop. ROTAM NICOSULFURON 40SC may not be used in a tank mix or sequential application program with ALS-inhibiting herbicides such as prosulfuron or Primisulfuron-methyl.

***In North Dakota and northwest Minnesota, the cumulative precipitation in the 18 months following application must exceed 28" in order to rotate to sugar beets or potatoes.

Rotational Crop Guideline 4 may be observed when using a single application of ROTAM NICOSULFURON 40SC per year with a maximum use rate of 12 fl. oz. product (0.031 lbs. a.i. nicosulfuron/acre). Rotational intervals need to be extended to 12 months if drought conditions prevail after application and before the rotational crop is planted, unless sprinkler irrigation has been applied and totals greater than 15" during the year.

ROTAM NICOSULFURON 40SC ROTATIONAL CROP GUIDELINE 4 with 12 fl. oz. (0.031 lbs. a.i. nicosulfuron/acre) Maximum Use Rate

Crop	Rotational Interval in Months
Alfalfa*	10
Canola	10
Flax**	10
Potato	10
Red Clover	10
Sunflower	10

*On sprinkler-irrigated fields in Idaho, Utah, and Northern Nevada, it is best to use deep fall tillage including plowing prior to planting alfalfa. Product degradation may be less on furrow-irrigated soils and may result in some crop injury.

** Rotational intervals need to be expended to 18 months if drought conditions prevail after application and before the rotational crop is planted, unless sprinkler irrigation had been applied and totals greater than 15" during the year.

APPLICATION INFORMATION

Many crops are highly sensitive to ROTAM NICOSULFURON 40SC. All direct or indirect contact (including spray drift) with crops other than field corn must be avoided (see also SPRAY DRIFT). For all application systems, use 50-mesh or larger strainer screens.

Do not apply ROTAM NICOSULFURON 40SC through any type of irrigation system.

GROUND APPLICATION

Broadcast Application

- Use a minimum of 15 gallons of water per acre (15 GPA) for best performance. Use a minimum of 10 gallons of water per acre (GPA) for light, scattered stands of weeds.
- Ensure that equipment is set up to avoid applying an excessive rate directly over the rows and into the corn plan whorl. This is most likely to occur when a nozzle is positioned directly above the row.
- Overlaps or starting, stopping, slowing, and turning while spraying may result in crop injury.

Band Application

For band applications, use proportionately less spray mixture, and carefully calibrate the band applicator to not exceed the labeled rate. Carefully follow the manufacturer's instructions for nozzle type (flat fans), orientation, distance of nozzles from the crop and weeds, spray volumes, calibration and spray pressure.

AERIAL APPLICATIONS

In New York State and California aerial application is prohibited. Use nozzle types and arrangements that will provide optimum spray distribution and maximum coverage at a minimum of 3 GPA.

SPRAYER PREPARATIONS/CLEANUP

It is important that spray equipment is clean and free of previous pesticide deposits before using ROTAM NICOSULFURON 40SC herbicide and then properly cleaned out following application. Clean all application equipment before applying ROTAM NICOSULFURON 40SC. Follow the cleanup procedures specified on the label of the product previously sprayed. If no cleanup procedure is provided, use the procedure that follows.

Immediately following applications of ROTAM NICOSULFURON 40SC, thoroughly clean all mixing and spray equipment to avoid subsequent crop injury.

Note:

- When cleaning spray equipment before applying ROTAM NICOSULFURON 40SC, read and follow label directions for proper rinsate disposal of the product previously sprayed.
- Steam cleaning of aerial spray tanks will help to dislodge any visible pesticide deposits.
- When spraying or mixing equipment will be used over an extended period to apply multiple loads of ROTAM NICOSULFURON 40SC, partially fill the tank with fresh water at the end of each day of spraying, flush the boom and hoses, and allow to sit overnight.

Cleanup Procedure

- 1) Drain the tank and thoroughly hose down the interior surfaces. Flush the tank, hoses, and boom with clean water for a minimum of 5 minutes.
- 2) Partially fill the tank with clean water and add one gallon of household ammonia* (containing 3% active) for every 100 gallon of water. Finish filling the tank with water, then flush the cleaning solution through the hoses, boom, and nozzles. Add more water to completely fill the tank and allow to agitate or recirculate for at least 15 minutes. Again, flush the hoses, boom, and nozzles with the cleaning solution, then drain the tank.
- 3) Repeat Step 2.
- 4) Remove the nozzles and screens and clean separately in a bucket containing the cleaning agent and water.
- 5) Thoroughly rinse the tank with clean water for a minimum of 5 minutes flushing the water through the hoses and boom.

*Equivalent amounts of an alternate strength ammonia solution or a tank cleaner may be used.

MANADATORY SPRAY DRIFT**Aerial Applications:**

- Do not release spray at a height greater than 10 ft. above the vegetative canopy, unless a greater application height is necessary for pilot safety.
- For applications prior to the emergence of crops and target weeds, applicators are required to use a Coarse or coarser droplet size (ASABE S572.1).
- For all other applications, applicators are required to use a Medium or coarser droplet size (ASABE S572.1).
- The boom length must not exceed 65% of the wingspan for airplanes or 75% of the rotor blade diameter for helicopters.
- Applicators must use ½ swath displacement upwind at the downwind edge of the field.
- Nozzles must be oriented so the spray is directed toward the back of the aircraft.
- Do not apply when wind speeds exceed 10 miles per hour at the application site.
- Do not apply during temperature inversions.

Ground Boom Applications:

- Apply with the nozzle height recommended by the manufacturer, but no more than 3 feet above the ground or crop canopy unless making a turf, pasture, or rangeland application, in which case applicators may apply with a nozzle height no more than 4 feet above the ground.
- For applications prior to the emergence of crops and target weeds, applicators are required to use a Coarse or coarser droplet size (ASABE S572.1).
- For all other applications, applicators are required to use a Medium or coarser droplet size (ASABE S572.1).
- Do not apply when wind speeds exceed 10 miles per hour at the application site.
- Do not apply during temperature inversions.

SPRAY DRIFT ADVISORIES

THE APPLICATOR IS RESPONSIBLE FOR AVOIDING OFF-SITE SPRAY DRIFT. BE AWARE OF NEARBY NON-TARGET SITES AND ENVIRONMENTAL CONDITIONS.

IMPORTANCE OF DROPLET SIZE

An effective way to reduce spray drift is to apply large droplets. Use the largest droplets that provide target pest control. While applying larger droplets will reduce spray drift, the potential for drift will be greater if applications are made improperly or under unfavorable environmental conditions.

Controlling Droplet Size

- **Volume** - Use high flow rate nozzles to apply the highest practical spray volume. Nozzles with higher rated flows produce larger droplets.
- **Pressure** - Use the lower spray pressures recommended for the nozzle. Higher pressure reduces droplet size and does not improve canopy penetration. WHEN HIGHER FLOW RATES ARE NEEDED, USE A HIGHER-CAPACITY NOZZLE INSTEAD OF INCREASING PRESSURE.
- **Nozzle Type** - Use a nozzle type that is designed for the intended application. With most nozzle types, narrower spray angles produce larger droplets. Consider using low-drift nozzles.

Controlling Droplet Size – Ground Boom

- **Volume** - Increasing the spray volume so that larger droplets are produced will reduce spray drift. Use the highest practical spray volume for the application. If a greater spray volume is needed, consider using a nozzle with a higher flow rate.
- **Pressure** - Use the lowest spray pressure recommended for the nozzle to produce the target spray volume and droplet size.
- **Spray Nozzle** - Use a spray nozzle that is designed for the intended application. Consider using nozzles designed to reduce drift.

Controlling Droplet Size – Aircraft

- **Adjust Nozzles** - Follow nozzle manufacturers recommendations for setting up nozzles. Generally, to reduce fine droplets, nozzles should be oriented parallel with the airflow in flight.

BOOM HEIGHT – Ground Boom

Use the lowest boom height that is compatible with the spray nozzles that will provide uniform coverage. For ground equipment, the boom should remain level with the crop and have minimal bounce.

RELEASE HEIGHT - Aircraft

Higher release heights increase the potential for spray drift. When applying aurally to crops, do not release spray at a height greater than 10 ft. above the crop canopy, unless a greater application height is necessary for pilot safety.

SHIELDED SPRAYERS

Shielding the boom or individual nozzles can reduce spray drift. Consider using shielded sprayers. Verify that the shields are not interfering with the uniform deposition of the spray on the target area.

TEMPERATURE AND HUMIDITY

When making applications in hot and dry conditions, use larger droplets to reduce effects of evaporation.

TEMPERATURE INVERSIONS

Drift potential is high during a temperature inversion. Temperature inversions are characterized by increasing temperature with altitude and are common on nights with limited cloud cover and light to no wind. The presence of an inversion can be indicated by ground fog or by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing. Avoid applications during temperature inversions.

WIND

Drift potential generally increases with wind speed. AVOID APPLICATIONS DURING GUSTY WIND CONDITIONS.

Applicators need to be familiar with local wind patterns and terrain that could affect spray drift.

INTEGRATED PEST MANAGEMENT

This product may be used as part of an Integrated Pest Management (IPM) program that can include biological, cultural, and genetic practices aimed at preventing economic pest damage. IPM principles and practices include field scouting or other detection methods, correct target pest identification, population monitoring, and treating when target pest populations reach locally determined action thresholds. Consult your state cooperative extension service, professional consultants or other qualified authorities to determine appropriate action treatment threshold levels for treating specific pest/crop systems in your area.

WEED RESISTANCE MANAGEMENT

Rotam Nicosulfuron 40SC contains nicosulfuron and is classified as a Group 2 herbicide, Acetolactate Synthase (ALS) or Acetohydroxy Acid Synthase (AHAS) inhibitor.

Herbicide resistance is defined as the inherited ability of a plant to survive and reproduce following exposure to a dose of herbicide normally lethal to the wild type. In a plant, resistance may be naturally occurring or induced by such techniques as genetic engineering or selection of variants produced by tissue culture or mutagenesis. Any weed population may contain or develop plants that are naturally resistant to Rotam Nicosulfuron 40SC and other Group 2 herbicides. Weed species with acquired resistance to Group 2 herbicides may eventually dominate the weed population if Group 2 herbicides are used repeatedly in the same field or in successive years as the primary method of control for targeted species. This may result in partial or total loss of control of those species by Rotam Nicosulfuron 40SC or other Group 2 herbicides.

Indicators of possible herbicide resistance include: (1) failure to control a weed species normally controlled by the herbicide at the dose applied, especially if control is achieved on adjacent weeds; (2) a spreading patch of non-controlled plants of a particular weed species; (3) surviving plants mixed with controlled individuals of the same species. If resistance is suspected, prevent weed seed production in the affected area by an alternative herbicide from a different group or by a mechanical method including hoeing or tillage. Prevent movement of resistant weed seeds to other fields by cleaning harvesting and tillage equipment when moving between fields, and planting clean seed. If a weed pest population continues to progress after treatment with this product, discontinue use of this product, and switch to another management strategy or herbicide with a different mode of action, if available.

To delay herbicide resistance, consider:

- Avoiding the consecutive use of Rotam Nicosulfuron 40SC or other target site of action Group 2 herbicides that have a similar target site of action, on the same weed species.
- Using tank mixtures or premixes with herbicides from different target site of action Groups as long as the involved products are all registered for the same use, have different sites of action, and are both effective at the tank mix or prepack rate on the weed(s) of concern.
- Basing herbicide use on a comprehensive Integrated Pest Management (IPM) program.
- Monitoring treated weed populations for loss of field efficacy.

Users should scout before and after application. Users should report lack of performance to registrant or their representative. Contact your local sales representative, extension agent, or certified crop advisors to find out if suspected resistant weeds to this MOA have been found in your region. If resistant biotypes of target weeds have been reported, use the application rates of this product specified for your local conditions. Tank mix products so that there are multiple effective mechanisms of action for each target weed.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

Pesticide Storage: Store in a cool, dry place and in a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed. Store in original container and out of the reach of children, preferably in a locked storage area.

Pesticide Disposal: Open dumping is prohibited. Pesticide waste is toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

Container Disposal (Nonrefillable Container): Do not reuse this container to hold materials other than pesticides or diluted pesticides (rinsate). After emptying and cleaning, it may be allowable to temporarily hold rinsate or other pesticide-related material in this container. Contact your state regulatory agency to determine allowable practices in your state. Offer for recycling, if available.

Residue Removal: Triple rinse or pressure rinse container (or equivalent) promptly after emptying. Triple Rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain 10 seconds after the flow begins to drip. Repeat this procedure two more times. Pressure rinse as follow: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

SPILLS: For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup procedures and disposal of wastes. Handle and open container in a manner as to prevent spillage. If the container is leaking, invert to prevent leakage. If container is leaking or material spilled for any reason or cause, carefully dam up spilled material to prevent runoff. Refer to Precautionary Statements on label for hazards associated with the handling of this material. Do not walk through spilled material. Absorb spilled material with absorbing type compounds and dispose of as directed for pesticides below. In spill or leak incidents, keep unauthorized people away. You may contact the CHEMTREC Emergency Response for decontamination procedures.

FOR CHEMICAL EMERGENCY: Spill, leak, fire, exposure, or accident, call CHEMTREC AT 1-800-424-9300

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying this product. If the terms are not acceptable. Return the product at once, unopened and the purchase price will be return.

The Directions of Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of ROTAM AGROCHEMICAL COMPANY LIMITED or Seller. To the extent consistent with applicable law, all such risk shall be assumed by Buyer and User, and Buyer and User agree to hold ROTAM AGROCHEMICAL COMPANY LIMITED and Seller harmless for any claims relating to such factors.

ROTAM AGROCHEMICAL COMPANY LIMITED warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when use in accordance with directions under normal use conditions. This

warranty does not extend to the use of the product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or ROTAM AGROCHEMICAL COMPANY LIMITED, and Buyer and User assume the risk of any such use. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, ROTAM USA LLC MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.**

To the extent consistent with applicable law, in no event shall ROTAM AGROCHEMICAL COMPANY LIMITED or Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF ROTAM AGROCHEMICAL COMPANY LIMITED AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF ROTAM AGROCHEMICAL COMPANY LIMITED OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

ROTAM AGROCHEMICAL COMPANY LIMITED and Seller offer this product, and Buyer and User accept it, subject to the foregoing conditions of sale and limitations of warranty and the liability, which may not be modified except by written agreement signed by a duly authorized representative of ROTAM AGROCHEMICAL COMPANY LIMITED.

Manufactured For [By]:

Rotam Agrochemical Co., Ltd.
26/F E-Trade Plaza
24 Lee Chung Street
Chaiwan, Hong Kong

[Back Container Label/Remains on the
Container when Booklet is removed]

NICOSULFURON GROUP	2	HERBICIDE
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Rotam Nicosulfuron 40SC

Agricultural Herbicide

For use on Corn

Active Ingredient:	By weight
Nicosulfuron*: 2-[[[4,6-dimethoxypyrimidin-2-yl)aminocarbonyl]aminosulfonyl] - N,N-dimethyl-3-pyridinecarboxamide	4.18%
Other Ingredients:	<u>95.82%</u>
TOTAL	100.00%

Contains 0.33 pounds active ingredient per gallon of formulated product.

*CASRN: 111991-09-4

EPA Reg. No.: 83100-11

EPA EST. No.:

KEEP OUT OF THE REACH OF CHILDREN CAUTION/PRECAUCION

Si usted no entiende la entiquea, busque a alguien para que se la explique a usted en detalle. If you do not understand this label, find someone to explain it to you in detail.

FIRST AID

IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

Note to Physician: No specific antidote. Treat symptomatically.

For Emergency Medical treatment call your local poison control center.

Have the product container or label with you when calling a poison control center of doctor, or going for treatment.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION. Harmful if swallowed or inhaled. Avoid breathing spray mist. Avoid contact with skin or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

USER SAFETY RECOMMENDATIONS

Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment rinse water. Do not apply when/where conditions favor runoff.

Non-target Organism Advisory

This product is toxic to plants and may adversely impact the forage and habitat of non-target organisms, including pollinators, in areas adjacent to the treated area. Protect the forage and habitat of non-target organisms by minimizing spray drift. For further guidance and instructions on how to minimize spray drift, refer to the Spray Drift Management section of this label.

Windblown Soil Particles Advisory

Rotam Nicosulfuron 40SC has the potential to move off-site due to wind erosion. Soils that are subject to wind erosion usually have a high silt and/or fine to very fine sand fractions and low organic matter content. Other factors which can affect the movement of windblown soil include the intensity and direction of prevailing winds, vegetative cover, site slope, rainfall, and drainage patterns. Avoid applying Rotam Nicosulfuron 40SC if prevailing local conditions may be expected to result in off-site movement.

Groundwater Advisory

Nicosulfuron is known to leach through soil into groundwater under certain conditions as a result of label use. This chemical may leach into groundwater if used in areas where soils are permeable, particularly where the water table is shallow.

Surface Water Advisory

This product may impact surface water quality due to runoff of rain water. This is especially true for poorly draining soils and soils with shallow ground water. This product is classified as having high potential for reaching surface water via runoff for several months or more after application. A level, well-maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs will reduce the potential loading of nicosulfuron from runoff water and sediment. Runoff of this product will be greatly reduced by avoiding applications when rainfall or irrigation is expected to occur within 48 hours.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks

Follow manufacturer's instructions for cleaning/maintaining PPE. If no instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. Refer to the label booklet under "Agricultural Use Requirements" in the Directions for information about this standard.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

Pesticide Storage: Store in a cool, dry place and in a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed. Store in original container and out of the reach of children, preferably in a locked storage area.

Pesticide Disposal: Open dumping is prohibited. Pesticide waste is toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

Container Disposal (Nonrefillable Container): Do not reuse this container to hold materials other than pesticides or diluted pesticides (rinsate). After emptying and cleaning, it maybe allowable to temporarily hold rinsate or other pesticide-related material in this container. Contact your state regulatory agency to determine allowable practices in your state. Offer for recycling, if available.

Residue Removal: Triple rinse or pressure rinse container (or equivalent) promptly after emptying.

Triple Rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain 10 seconds after the flow begins to drip. Repeat this procedure two more times. Pressure rinse as follow: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

SPILLS: For minor spills, leaks, etc., follow all precautions indicted on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup procedures and disposal of wastes. Handle and open container in a manner as to prevent spillage. If the container is leaking, invert to prevent leakage. If container is leaking or material spilled for any reason or cause, carefully dam up spilled material to prevent runoff. Refer to Precautionary Statements on label for hazards associated with the handling of this material. Do not walk through spilled material. Absorb spilled material with absorbing type compounds and dispose of as directed for pesticides below. In spill or leak incidents, keep unauthorized people away. You may contact the CHEMTREC Emergency Response for decontamination procedures.

FOR CHEMICAL EMERGENCY: Spill, leak, fire, exposure, or accident, call CHEMTREC AT 1-800-424-9300

Refer to inside booklet for additional Directions for Use including Mixing Instructions, Spray equipment Cleanup and Spray Drift Management.

Manufactured For [By]:

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Net Contents: